

## BIOMEDICAL ENGINEERING (RESIDENTIAL)

Technology constantly changes how we develop and distribute medicine, with scientists and engineers working together to invent ever-improving methods for delivering healthcare. This four-day residential course at the University of Southampton features talks and interactive sessions run by engineers and scientists from several leading universities. This course is for Year 11 in England and Wales, S5 in Scotland and Year 12 in Northern Ireland.

Engineers working at the cutting edge of human bionics are developing new, smart prosthetic devices – artificial joints, limbs and organs – that could help thousands of amputees and arthritis sufferers around the country. Learn how engineering complements medicine and explore the variety of paths into Biomedical Engineering, a career where you can really make a difference.

*'I have enjoyed the people here and the fact that I have learnt so many skills that sometimes school doesn't always teach us.'* **Biomedical Engineering Course Student 2023**

### This event includes the following:

- Design and build a device to solve an everyday clinical problem
- Look into how patient lifestyle impacts a biomedical engineer's approach
- Research how engineering can help rehabilitation post-surgery
- Understand the devices used to track vital signs and treat patients
- Attend laboratory demonstrations on motion analysis and ultrasound imaging



### WHEN

23 Jul - 26 Jul 2024

Start time: 10:00 hrs

Finish time: 13:00 hrs



### WHERE

University of  
Southampton



### COST

£395\*

\* If cost is a barrier  
please see our FAQ for  
more details.

[Book this course](#)